



PATENT COOPERATION TREATY

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From the INTERNATIONAL BUREAU

To:

YAMASHITA, Akihiko
c/o Tokyo Central Patent Firm
4th Floor, Oak Building Kyobashi
16-10, Kyobashi 1-chome
Chuo-ku, Tokyo 104-0031
Japan

NOTIFICATION OF RECEIPT OF
RECORD COPY

事務処理欄 (PCT Rule 24.2(a))	
事務処理	是・否
担当	↓

Date of mailing (day/month/year) 19 January 2004 (19.01.2004)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference 030621PCT	International application No. PCT/JP2003/016089

The applicant is hereby **notified** that the International Bureau has received the record copy of the international application as detailed below.

Name(s) of the applicant(s) and State(s) for which they are applicants:

DAI NIPPON PRINTING CO., LTD. (for all designated States except US)
INOUE, Isao et al (for US)

International filing date : 16 December 2003 (16.12.2003)
Priority date(s) claimed : 16 December 2002 (16.12.2002)
Date of receipt of the record copy
by the International Bureau : 09 January 2004 (09.01.2004)
List of designated Offices :

National : DE, US

ATTENTION

The applicant should carefully check the data appearing in this Notification. In case of any discrepancy between these data and the indications in the international application, the applicant should immediately inform the International Bureau.

In addition, the applicant's attention is drawn to the information contained in the Annex, relating to:

- ☒ time limits for entry into the national phase - see updated important information (as of April 2002)
☒ confirmation of precautionary designations (if applicable)
☒ requirements regarding priority documents (if applicable)

A copy of this Notification is being sent to the receiving Office and to the International Searching Authority.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer: Michiyo TSUKADA (Fax 338 7010)
Facsimile No. (41-22) 338.70.10	Telephone No. (41-22) 338 8450

PATENT COOPERATION TREATY



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事務処理欄	
事務処理	要・否
担当	27

From the INTERNATIONAL BUREAU

**NOTIFICATION CONCERNING
SUBMISSION OR TRANSMITTAL
OF PRIORITY DOCUMENT**

(PCT Administrative Instructions, Section 411)

YAMASHITA, Akihiko
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Japan

報告
処理

Date of mailing (day/month/year) 31 March 2004 (31.03.2004)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference 030621PCT	
International application No. PCT/JP2003/016089	
International publication date (day/month/year) Not yet published	
Applicant DAI NIPPON PRINTING CO., LTD. et al	International filing date (day/month/year) 16 December 2003 (16.12.2003) Priority date (day/month/year) 16 December 2002 (16.12.2002)

- By means of this Form, which replaces any previously issued notification concerning submission or transmittal of priority documents, the applicant is hereby notified of the date of receipt by the International Bureau of the priority document(s) relating to all earlier application(s) whose priority is claimed. Unless otherwise indicated by the letters "NR", in the right-hand column or by an asterisk appearing next to a date of receipt, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
- (If applicable) The letters "NR" appearing in the right-hand column denote a **priority document which, on the date of mailing of this Form, had not yet been received by the International Bureau** under Rule 17.1(a) or (b). Where, under Rule 17.1(a), the priority document must be submitted by the applicant to the receiving Office or the International Bureau, but the applicant fails to submit the priority document within the applicable time limit under that Rule, **the attention of the applicant is directed** to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
- (If applicable) An asterisk(*) appearing next to a date of receipt, in the right-hand column, denotes a **priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b)** (the priority document was received after the time limit prescribed in Rule 17.1(a) or the request to prepare and transmit the priority document was submitted to the receiving Office after the applicable time limit under Rule 17.1(b)). Even though the priority document was not furnished in compliance with Rule 17.1(a) or (b), the International Bureau will nevertheless transmit a copy of the document to the designated Offices, for their consideration. In case such a copy is not accepted by the designated Office as priority document, Rule 17.1(c) provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
16 Dec 2002 (16.12.2002)	2002-363273	JP	11 Marc 2004 (11.03.2004)

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. (41-22) 338.70.10	Authorized officer Eric SANSON (Fax 338 7010) Telephone No. (41-22) 338 9999
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/16089

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ H01L31/04, C08L23/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ H01L31/04, C08L23/00-23/36, C08K3/00-13/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 5-186610 A (Mitsubishi Petrochemical Co., Ltd.), 27 July, 1993 (27.07.93), Claims; Par. Nos. [0014] to [0021], [0036] & JP 6-104729 B1	1-4 9-21
X Y	JP 2001-320073 A (Dainippon Printing Co., Ltd.), 16 November, 2001 (16.11.01), Claims; Par. Nos. [0011], [0012], [0025], [0064] to [0066], [0069], [0071] to [0072], [0077] (Family: none)	5-8, 9-20 21
A	JP 6-177412 A (Bridgestone Corp.), 24 June, 1994 (24.06.94), Full description (Family: none)	1-21

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:
"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier document but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search
25 February, 2004 (25.02.04)

Date of mailing of the international search report
09 March, 2004 (09.03.04)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/16089

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2001-36116 A (Bridgestone Corp.), 09 February, 2001 (09.02.01), Full description (Family: none)	1-21
A	JP 2000-183386 A (Bridgestone Corp.), 30 June, 2000 (30.06.00), Full description (Family: none)	1-21
A	JP 2000-183385 A (Bridgestone Corp.), 30 June, 2000 (30.06.00), Full description (Family: none)	1-21
A	JP 2000-183382 A (Bridgestone Corp.), 30 June, 2000 (30.06.00), Full description (Family: none)	1-21
A	JP 2001-144313 A (Du Pont-Mitsui Polychemicals Co., Ltd.), 25 May, 2001 (25.05.01), Full description (Family: none)	1-21
A	JP 2000-186114 A (Du Pont-Mitsui Polychemicals Co., Ltd.), 04 July, 2000 (04.07.00), Full description (Family: none)	1-21
A	JP 8-148708 A (Sekisui Chemical Co., Ltd.), 07 June, 1996 (07.06.96), Full description (Family: none)	1-21

A. 発明の属する分野の分類 (国際特許分類 (IPC))

Int. Cl⁷ H01L31/04, C08L23/00

B. 調査を行った分野

調査を行った最小限資料 (国際特許分類 (IPC))

Int. Cl⁷ H01L31/04, C08L23/00-23/36, C08K3/00-13/08

最小限資料以外の資料で調査を行った分野に含まれるもの

国際調査で使用した電子データベース (データベースの名称、調査に使用した用語)

C. 関連すると認められる文献

引用文献の カテゴリー*	引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示	関連する 請求の範囲の番号
X	JP 5-186610 A(三菱油化株式会社)1993.07.27, 【特許請求の範囲】 , 【0014】 - 【0021】 , 【0036】	1-4
Y	& JP 6-104729 B1	9-21
X	JP 2001-320073 A(大日本印刷株式会社)2001.11.16, 【特許請求の範囲】 , 【0011】 , 【0012】 , 【0025】 , 【0064】 - 【00	5-8, 9-20
Y	66】 , 【0069】 , 【0071】 - 【0072】 , 【0077】 (ファミリーなし)	21

☒ C欄の続きにも文献が列挙されている。☐ パテントファミリーに関する別紙を参照。

* 引用文献のカテゴリー

- 「A」 特に関連のある文献ではなく、一般的技術水準を示すもの
「E」 国際出願日前の出願または特許であるが、国際出願日以後に公表されたもの
「L」 優先権主張に疑義を提起する文献又は他の文献の発行日若しくは他の特別な理由を確立するために引用する文献 (理由を付す)
「O」 口頭による開示、使用、展示等に言及する文献
「P」 国際出願日前で、かつ優先権の主張の基礎となる出願

の日の後に公表された文献

- 「T」 国際出願日又は優先日後に公表された文献であって出願と矛盾するものではなく、発明の原理又は理論の理解のために引用するもの
「X」 特に関連のある文献であって、当該文献のみで発明の新規性又は進歩性がないと考えられるもの
「Y」 特に関連のある文献であって、当該文献と他の1以上の文献との、当業者にとって自明である組合せによって進歩性がないと考えられるもの
「&」 同一パテントファミリー文献

国際調査を完了した日

25.02.2004

国際調査報告の発送日

09.3.2004

国際調査機関の名称及びあて先

日本国特許庁 (ISA/JP)

郵便番号100-8915

東京都千代田区霞が関三丁目4番3号

特許庁審査官 (権限のある職員)

三谷 祥子

4 J

9362

電話番号 03-3581-1101 内線 3494

C (続き) . 関連すると認められる文献

引用文献の カテゴリー*	引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示	関連する 請求の範囲の番号
A	JP 6-177412 A(株式会社ブリヂストン)1994. 06. 24, 全明細書 (ファミリーなし)	1-21
A	JP 2001-36116 A(株式会社ブリヂストン)2001. 02. 09 , 全明細書 (ファミリーなし)	1-21
A	JP 2000-183386 A(株式会社ブリヂストン)2000. 06. 30 , 全明細書 (ファミリーなし)	1-21
A	JP 2000-183385 A(株式会社ブリヂストン)2000. 06. 30 , 全明細書 (ファミリーなし)	1-21
A	JP 2000-183382 A(株式会社ブリヂストン)2000. 06. 30 , 全明細書 (ファミリーなし)	1-21
A	JP 2001-144313 A(三井・デュポンポリケミカル株式会社) 2001. 05. 25, 全明細書 (ファミリーなし)	1-21
A	JP 2000-186114 A(三井・デュポンポリケミカル株式会社) 2000. 07. 04, 全明細書 (ファミリーなし)	1-21
A	JP 8-148708 A(積水化学工業株式会社)1996. 06. 07, 全明細書 (ファミリーなし)	1-21